Mountain Weather Forecast

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch
Forecast valid from 00:00 on Tuesday 23 Jan 2024 until 23:59 on Wednesday 24 Jan 2024

Forecast Issued on Monday 22 Jan 2024 at 15:22 by Met Office Aberdeen

Confidence: High confidence for wet and very windy weather on Tuesday, with strengthening winds overnight and Wednesday morning. High confidence for unsettled weather with often wet and windy conditions until Saturday.

Headline for Tuesday 23 Jan 2024: Dry at first. Increasingly cloudy, wet and windy by day. Very windy with heavy showers by evening.

Mountain weather hazards on Tuesday 23 Jan 2024

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light snow	Heavy snow	Sleet	Heavy Rain	Sleet showers (night)
Precipitation probability							
30%	10%	00%	60%	90%	90%	80%	50%

Forecast for Tuesday 23 Jan 2024

Weather: Cold but dry at first. Cloud and rain, falling as snow at first above 800m, spread east through the day. Winds turn southerly, then southwesterly and strengthen with storm force winds on summits and gales to modest elevations. Turning showery in the evening, but these heavy at times and falling as snow on summits. Winds strengthen further in the evening as Storm Jocelyn arrives, bringing storm force summit winds and gales to low levels.

Chance of cloud-free hill tops above 800m: 70% falling to less than 20% shortly after sunrise, rising to 40% in the evening.

Low cloud and visibility: Mainly clear with excellent visibility at first, but low cloud quickly becoming extensive with bases around 500m and very poor visibilities. In the evening cloud amounts and bases changing rapidly in showers, but falling to 700-900m at times.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 23 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	40/52 W	38/49 W	31/41 SW	38/49 S	53/69 S	45/58 S	58/79 SW	58/80 SW	57/78 W
900	32/42 W	30/38 W	25/32 SW	40/49 S	57/71 S	46/59 S	50/67 SW	50/68 SW	48/65 SW
600	22/31 SW	19/28 W	15/23 SW	25/36 S	41/58 S	31/45 S	33/50 SW	35/52 SW	34/51 SW
300	13/31 W	9/23 SW	7/20 SW	10/25 S	24/52 S	17/38 S	20/44 SW	22/47 SW	20/44 SW
Glen	5/28 W	3/19 SW	3/18 SW	4/21 S	6/30 S	6/32 SW	5/32 SW	6/35 SW	6/35 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-4/-15	-5/-15	-4/-14	-4/-15	-4/-16	-1/-10	-1/-11	-2/-13	-2/-13
900	-1/-10	-1/-10	-1/-9	-1/-10	1/-8	4/-3	3/-5	1/-8	1/-8
600	1/-6	1/-5	1/-4	1/-5	3/-5	6/1	6/-1	4/-4	3/-4
300	3/-2	2/-2	2/-2	3/-0	4/-1	7/3	8/3	6/1	6/1
Glen	2/-1	1/-0	1/-1	2/-0	4/0	7/4	8/5	6/2	6/2
Freezing Level*	600m	600m	600m	700m	900m	2200m	1400m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Feeling bitterly cold in strong winds. Persistent rain and low cloud through the day will make for unpleasant conditions and will make navigation difficult. Gusts of 40-50mph will give difficult walking conditions at first, with strengthening winds through the afternoon and evening bringing storm force winds and extremely hazardous conditions.

Forecast for Wednesday 24 Jan 2024

Weather: Storm Jocelyn pushes east overnight and through the morning with winds gradually weakening. Frequent snow showers at first, becoming drier and clearer through the afternoon.

Maximum wind: Westerly with averages of 60-70mph and gusts 90mph or more at the summit at first. Falling to average speeds of 30-40mph with gusts to 40-50mph.

Chance of cloud-free hill tops above 800m: 30% rising to 60% in the afternoon, the best chance in the east.

Low cloud and visibility: Cloud base highly variably and rapidly changing in showers, bases often at 1000m, but falling to 600-800m in showers with blizzard or whiteout conditions.

Temperature: **Glens:** Plus 5 Celsius.
At 800m: Minus 1 Celsius falling to minus 3 Celsius
Freezing level: 1100m falling to 800m

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